

# webMethods Digital Event Persistence 10.3 Readme

## October 2018

This file contains important information you must read before using webMethods Digital Event Persistence 10.3. You can find user documentation on the [Documentation website](#) or the [TECHcommunity website](#). At those locations, you can also find the suite-related information listed below.

Included in this file is information about functionality that has been added, removed, deprecated, or changed for this product. Deprecated functionality continues to work and is supported by Software AG, but may be removed in a future release. Software AG recommends against using deprecated functionality in new projects.

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### 1.0 Critical Information

This section lists any critical issues for the current release that were known when this readme was published. For critical information found later, go to the Knowledge Center on the [Empower website](#).

### 2.0 Known Issues

This section lists any issues for the current release that were known when this readme was published.

For known issues found later, go to the Knowledge Center on the [Empower website](#).

- WF-6298  
webMethods Digital Event Persistence does not support persistence to Elasticsearch clusters with Shield enabled.  
There is currently no workaround for this issue.
- EVS-205  
When you configure a Digital Event Persistence service in an Apama correlator runtime, the connection to the event store cannot be tested. The system always displays a warning when you save the service, even if the configuration is correct.  
There is currently no workaround for this issue.

## 3.0 Usage Notes

This section provides any additional information you need to work with the current release of this product.

- webMethods Digital Event Persistence is deprecated as of release 10.3.
- EVS-458  
webMethods Digital Event Persistence is in compliance with the General Data Protection Regulation (GDPR) and does not store, collect, or process any personally identifiable information.
- Before you can use Digital Event Persistence with HDFS as the storage engine, you must configure the Hadoop cluster. You must copy the custom Hive SerDe and Joda Date/Time libraries from your Event Persistence installation to your HDFS CDH 5.3.0 distribution.
  1. In your Software AG installation, locate the Joda Date/Time and the custom Event Persistence Hive SerDe .jar files:
    - joda-time\_2.9.3.jar – available in the *Software AG\_directory*\common\runtime\bundles\platform\eclipse\plugins directory.
    - com.softwareag.evp.hive.serde\_10.3.0.0000-*nnnn*.jar – available in the *Software AG\_directory*\common\runtime\bundles\evs-cdh530\eclipse\plugins directory (where *nnnn* is the build number of your Event Persistence installation).
  2. Copy both files to the Hive library directory on all nodes in the Hadoop cluster where Hive is running, for example *HDFS\_directory*/lib/hive/lib.
  3. Copy both files into the Yarn library directory on all data nodes in the Hadoop cluster, for example *HDFS\_directory*/lib/hadoop-yarn/lib or *HDFS\_directory* /lib/hadoop-mapreduce/lib if using MRv1.
  4. Restart Hive.

## 4.0 Fixes Included in Each Release

This section lists the latest fix level that has been included in each release for each product component. A release is listed in this section only if changes occurred in that release. Go to the Knowledge Center on the [Empower website](#) for detailed information about fixes.

### **Release 10.3**

- Digital Event Persistence Libraries 10.1 Fix 1
- Digital Event Persistence for Digital Event Services Support Bundles 10.1 Fix 1
- Digital Event Persistence for Event Routing Support 10.1 Fix 1
- Digital Event Persistence for Cloudera 5.3.0 Support Bundles 10.1 Fix 1
- Digital Event Persistence for Elasticsearch 2.3.2 Support Bundles 10.1 Fix 1
- Digital Event Persistence Driver 10.1 Fix 1 for JDBC

### **Release 10.1**

- Event Persistence 10.0 Fix 1

### **Release 9.12**

- Event Persistence 9.10 Fix 1

### **Release 9.10**

- Event Persistence 9.9.0 Fix1

## 5.0 Other Resolved Issues

This section lists the issues that were resolved in each release but were not part of the fixes listed in the previous section. A release is listed in this section only if changes occurred in that release.

### **Release 10.2**

- WF-8168  
webMethods Digital Event Persistence does not provide a migration utility for migrating Event Persistence services from previous releases.  
The issue is resolved. Digital Event Persistence service configurations can now be migrated from previous releases using the Digital Event Services Migration Utility.
- EVS-285  
Digital Event Persistence cannot persist Digital Event Services (DES) events to HDFS if the events consist only of ANY and MAP type fields.  
The issue is resolved.

- EVS-311  
Digital Event Persistence cannot persist events to HDFS if the event type definition contains an underscore in the namespace or in the event type name.  
The issue is resolved.
- EVS-312  
The Digital Event Persistence driver for JDBC date/time methods are not compatible with the Software AG MashZone NextGen date/time methods.  
The issue is resolved.

## **Release 10.1**

- WF-6022  
webMethods Digital Event Persistence is not supported in non-OSGi event-driven architecture environments.  
The issue is resolved.

## **6.0 Documentation Changes**

This section describes significant changes to the documentation, such as the addition, relocation, or removal of product guides, online help, chapters, or other major content. A release is listed in this section only if changes occurred in that release.

### **Release 10.3**

As of release 10.3, the following information pertaining to Digital Event Persistence is deprecated:

- The *Using Digital Event Persistence Driver for JDBC* guide.
- The following sections in the *Using Digital Event Services to Communicate between Software AG Products* guide:
  - "Using Digital Event Persistence"
  - "Storing Digital Events Using Digital Event Persistence"
  - "Configuring Digital Event Persistence Services for HDFS"
  - "Configuring Digital Event Persistence Services for Elasticsearch"
- The following sections in the *Communicating between Software AG Products Using Event Routing* guide:
  - "Using Digital Event Persistence"
  - "Storing Digital Events Using Digital Event Persistence"
  - "Configuring Digital Event Persistence Services for HDFS"
  - "Configuring Digital Event Persistence Services for Elasticsearch"

## Release 10.2

- A new guide was added for Digital Event Persistence called *Using Digital Event Persistence Driver for JDBC*.

## 7.0 Terminology Changes

A release is listed in this section only if changes occurred in that release.

## 8.0 Added, Removed, Deprecated, or Changed Items

This section lists functionality, controls, portlets, properties, or other items that have been added, removed, deprecated, or changed. A release is listed in this section only if changes occurred in that release.

### Release 10.3

Added Item	Description
Support for Elasticsearch 5.6.4 as an event store	Digital Event Persistence supports querying Digital Event Services events and Event Routing events from Elasticsearch 5.6.4 using a JDBC driver.
Deprecated Item	Description
Digital Event Persistence	webMethods Digital Event Persistence is deprecated as of release 10.3

### Release 10.1

Added Item	Description
Digital Event Persistence driver for JDBC	Digital Event Persistence supports querying digital and EDA events from Elasticsearch 2.3.2 using a JDBC driver.

### Release 10.0

Added Item	Description
Support for Digital Event Services	Event Persistence supports persisting digital events to, and querying events from, HDFS CDH 5.3.0 and Elasticsearch 2.3.2.

Added Item	Description
Support for SSL with Search Guard for Elasticsearch 2.3.2	Event Persistence supports persisting digital and EDA events to an Elasticsearch 2.3.2 instance or cluster with an installed Search Guard plugin.

Removed Item	Replacement, if any
Support for Elasticsearch 1.7.2 as an event store	Elasticsearch 2.3.2

## ***Release 9.12***

Added Item	Description
Support for Elasticsearch 2.3.2 as an EDA event store	Event Persistence supports persisting EDA events to and querying events from Elasticsearch 2.3.2.

## **9.0 Added, Removed, Deprecated, or Changed APIs**

A release is listed in this section only if changes occurred in that release.

### ***Release 9.12***

Added API	Description
com.softwareag.eda.estimate.query.api.builder.QueryBuilder	In addition to using an SQL-like language, the EVP simple query API now supports a simple query domain-specific language (DSL). The QueryBuilder enables a user to generate simple queries using Java.
BETWEEN	Added support for BETWEEN operator to the simple query API, the simple query DSL, and to the full text search DSL.

Changed API	Description
com.softwareag.eda.estimate.query.api.FullTextQuery	Added setFilter(ExpressionBuilder filter) method to enable filters on full text searches.

## Release 9.10

Added API	Description
com.softwareag.eda.estimate.query.api.FullTextQuery	Contains methods that allow a user to define and execute a full text query. Currently, only the Elasticsearch storage engine supports full text search.
com.softwareag.eda.estimate.query.api.FullTextQueryResponse	Contains the result set from the execution of a full text query. A full text query response contains an array of full text query hits.
com.softwareag.eda.estimate.query.api.FullTextQueryHit	Contains an individual event result from a full text query.

Changed API	Description
com.softwareag.eda.estimate.query.api.Query	Added an explain() method for debugging purposes. Query.explain() method returns a byte[] containing the user specified query and the native query that is generated from it.

## 10.0 Copyright Information

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## 11.0 Support

Visit the [Empower website](#) to learn about support policies and critical alerts, read technical articles and papers, download products and fixes, submit feature/enhancement requests, and more.

Visit the [TECHcommunity website](#) to access additional articles, demos, and tutorials, technical information, samples, useful resources, online discussion forums, and more.

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